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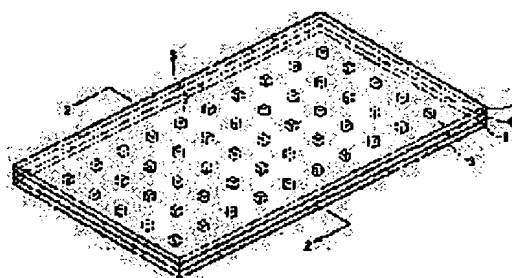
(22)Date of filing : **08.02.1999** (72)Inventor : **ITO TAKUO**

(54) FLAT TYPE HEAT PIPE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a flat type heat pipe wherein a heat receiving plate and a radiation plate can be easily bonded to each other and a wick can be easily mounted to the plates.

SOLUTION: In the heat pipe, a plurality of wire mesh bodies 3 are arranged between a heat receiving plate 1 and a radiation plate 2 so as to be spaced apart from one another by predetermined intervals. An adhesive is impregnated into each body 3 to form an interval holding spacer between the plate 1 and the plate 2. The plate 1 can be easily bonded to the plate 2 so as to be spaced from each other through the wire mesh bodies 3 each of which is impregnated with adhesives, and a wick can be easily disposed in fluid passages for working liquid formed between regularly spaced apart bodies 3.



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(54) 【発明の名称】 平坦型ヒートパイプ

(57) 【要約】

【課題】 受熱板と放熱板とを容易に接着できかつウィックの装着を容易にさせた平坦型ヒートパイプを提供する。

【解決手段】 受熱板1と放熱板2との間に複数の金網体3を所定間隔あけて配置する。これら金網体3内に接着剤4を含浸させて受熱板1と放熱板2の間隔保持スペーサを形成する。複数の金網体3に含浸させた接着剤4によって受熱板1と放熱板2とを金網体3自体の大きさによる間隔をあけて金網体3自体を介して容易に接着でき、かつ、所定間隔あけて配置した金網体3間に形成されるところの作動液の流路に容易にウィックを配置させることができる。

